

Coverage Mical Program

57/2023/GPW (123) December 10, 2023

This report is prepared for the Warsaw Stock Exchange SA within the framework of the Analytical Coverage Support Program 4.0.

Voxel

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Voxel

57/2023/GPW (123) December 10, 2023

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Sector: Health care & biotechnology Fundamental rating: Buy (→) Market relative: Overweight (→) Price: PLN 74.20 12M EFV: PLN 85.3 (→) Market Cap: US\$ 194 m
Bloomberg code: VOX PW
Av. daily turnover: US\$ 0.06 m
12M range: PLN 40.30-74.40

Free float: 51%

Stock performance



Key points

Prolonged waiting for diagnostics. According to the oncological foundation Alivia, in Poland patients have to wait for MRI scan 80 days on average which is 22 days more than in October 2021. Then patients have to wait another 27 days to receive the scan description, which is a week more than 2 years ago. The average waiting time for CT scan with its description is somewhat longer as well (from 51 days in 2021 to 56 currently). Patients have to wait for the first oncological consultation (no referral needed) for 39 days. After the NFZ funding limits for MRI and CT scans were lifted in April, 2019, the waiting times shortened, but since 2021 they have started to extend. One of the reasons of this predicament is low availability of radiologists and an insufficient number of diagnostic imaging devices as well. According to the Health at Glance 2023 report, Poland belongs to the OECD countries with the lowest numbers of MRI, CT, and PET equipment per 1,000,000 inhabitants. The OECD average amounts to 254 exams per 1 000 inhabitants while in Poland it is 171 exams (6th lowest score). There are slightly over 4,200 of radiologists, according to Poland's Supreme Chamber of Physicians. In 2017-21 their number rose by 14%, but c. 30% of entities audited by the Supreme Audit Office were lacking them.

Guide to adjusted profits

Results adjusted for (i) costs of liquidation of fixed assets, including the closedown of laboratories testing for SARS-CoV-2 and Scanix facilities (PLN 3 million) and write-offs for inventories and fixed assets (PLN 5 million) in 2022, and (iii) write-offs for inventories (PLN 5 million), deferred tax asset (PLN 2 million) and loans (PLN 1 million) for 2023E.

Kev data

key data					
IFRS consolidated		2022	2023E	2024E	2025E
Sales	PLN m	414.8	440.9	450.2	475.3
EBITDA	PLN m	106.3	144.8	159.9	167.1
Adj EBITDA	PLN m	114.0	149.9	159.9	167.1
EBIT	PLN m	68.2	106.2	117.6	122.8
Adj EBIT	PLN m	76.0	111.3	117.6	122.8
Net income	PLN m	44.4	71.8	86.9	93.9
Adj net income	PLN m	53.4	79.5	86.9	93.9
EPS	PLN	4.23	6.83	8.27	8.94
EPS yoy chg	%	-37	62	21	8
Adj EPS	PLN	5.09	7.57	8.27	8.94
Adj EPS yoy chg	%	-33	49	9	8
Net debt	PLN m	105.3	97.0	76.2	50.6
P/E	X	17.5	10.9	9.0	8.3
Adj P/E	X	14.6	9.8	9.0	8.3
P/CE	X	9.4	7.1	6.0	5.6
Adj P/CE	Χ	8.5	6.6	6.0	5.6
EV/EBITDA	X	8.3	6.1	5.4	5.0
Adj EV/EBITDA	Χ	7.8	5.8	5.4	5.0
EV/EBIT	Χ	13.0	8.3	7.3	6.8
Adj EV/EBIT	Χ	11.6	7.9	7.3	6.8
DPS	PLN	3.00	2.17	3.42	4.14
Gross dividend yield	%	4.0	2.9	4.6	5.6
Number of shares (eop)	т	10.5	10.5	10.5	10.5

Source: Company, DM BOŚ SA estimates

Recent events

- Release of FY22 consolidated financial results: March 28
- 2. Release of consolidated 1Q23 financial results: May 24
- 3. Release of consolidated 1H23 financial results: August 23
- 4. Release of consolidated 3Q23 financial results: November 22

Upcoming events

- 1. Release of consolidated 4Q23 financials: March 2024
- Unequal access to diagnostic imaging (October 2023). Waiting times for imaging scans differ by region (voivodships) and this difference extends even to 94 days with the longest wait (82 days) for CT scan in Małopolskie voivodship (Lesser Poland) and the shortest wait (12 days) in Podlaskie voivodship. Urgent tests are also subject to waiting and Małopolskie/ Podlaskie

				forecasts

IFRS consolidated		2023E			2024E			2025E	
(PLN m)	current	previous	change	current	previous	change	current	previous	change
Sales	440.9	419.0	5%	450.2	451.0	0%	475.3	471.2	1%
EBITDA	144.8	137.1	6%	159.9	152.6	5%	167.1	157.6	6%
EBIT	106.2	98.1	8%	117.6	111.9	5%	122.8	114.9	7%
NP	71.8	66.6	8%	86.9	82.9	5%	93.9	88.1	7%
Net debt	97.0	83.8	16%	76.2	64.7	18%	50.6	41.1	23%

Source: DM BOS SA estimates

voivodship has the longest/shortest waiting times (48/9 days). As far as MRI scans are concerned, patients have to wait the longest/ shortest in Małopolskie/ Swietokrzyskie voivodship (124/30 days); waiting times for urgent MRI tests are the longest/shortest in Lubuskie/ Swietokrzyskie voivodhip (101/19 days). For PET-CT scans patients in Slaskie voivodship have to wait the longest (65 days) with the urgent test waiting times at 59 days.

- Infrastructure. At the end of 3Q23 the Group had 69 diagnostic and therapeutic devices, including 31/17/7 MRI/CT/PET-CT scanners, 4 SPECT scanners, 1 laboratory for fusion biopsy procedure, 9 X-ray and ultrasound laboratories. The Group carries out investments in an MRI laboratory in Jelenia Góra, location changing in Wadowice; it also plans new facilities (changing location) in Bydgoszcz (new building), Lodz, Poznan, equipment upgrade (most MRI scanners), new MRI laboratories in Mazowieckie voivodship.
- **Diagnostics** (Voxel, Scanix, Resonans Powiśle). In 1/2/3Q23 the Group performed c. 102,000/103,000/107,000 diagnostic tests (up 15%/12%/13% yoy) which delivered revenues at PLN 73/73/83 million (up 56%/44%/27% yoy). The Company settled surplus PET and SPECT services at PLN 1-2 million in 3Q23; an average test price increased by 12% yoy. We assume flat qoq volumes in 4Q23. We forecast c. 418,000 tests (up 12% yoy) in 2023 which implies the diagnostic segment's sales at PLN 310 million (up 34% yoy). A materially higher dynamic of volumes of MRI, PET, SPECT vs CT procedures supports an average price.
- **Exira.** Exira performs c. 130 procedures quarterly and we forecast sales at PLN 12 million (up 15% yoy) in 2023.

- Alteris. The estimated backlog of Alteris for this year was lifted to PLN 85 million from PLN 70 million, which implies revenues at PLN 23 million in 4Q23 vs PLN 59 million a year before (contract worth PLN 32 million). We forecast FY23 sales at PLN 90 million. Alteris plans a new investment project (details may be revealed later) and develops modular solutions and own software.
- **Vito-Med.** On October 31, Voxel sold the hospital business (100% of the share capital). The Group kept the laboratory (Covid-19) and other assets. Voxel can still operate in the sold facility (long-term rental agreements) and carry out diagnostic procedures (CT and MRI), it also has acquired the possibility to develop nuclear medicine research.
- 4Q23E. We believe that a high demand for MRI, PET, and SPECT scans will continue with CT procedures not supported deliberately. Vito-Med was disposed on October 31 and is no longer in the Group (from November 1). The Group should book a PLN 1 million write-off related to Vito-Med's debt canceling (financial cost accounted for in our model).
- The Company informed that costs in the diagnostic segment would grow by c. PLN 1 million monthly (assumed at 3Q23 volumes) due to pay rises introduced from November 1 for the medical staff (those employed by the Group and those cooperating handling CT, MRI, X-ray, and ultrasound services).
- Finally, we forecast 4Q23 revenues and net profit at PLN 115 million (down 18% yoy) and PLN 20 million (up 63% yoy) including a PLN million loan write-off.
- **Financial forecast changes.** We raise forecasts incorporating strong 3Q23 figures. In November



the Company obtained permit to use cyclotronproduced gallium used to diagnose prostate cancer, neuroendocrine tumors, and other oncological diseases.

- MRI/PET/ SPECT scan pricing in 3Q23 was 4%/10%/4-10% up and further rises are likely in 2024. The Group plans a further increase in a number of diagnostic procedures, launch of new laboratories/development of existing ones (equipment change), and investments in new locations (mainly organic growth). Sales of the projects provided by Alteris (including infrastructural solutions) are expected to stabilize and some vital investment may be on the cards.
- **Risk to financial forecasts.** Our forecasts are encumbered with a moderate risk (both ways).

- **Valuation.** Our 12M EFV for Voxel constituting a 50%–50% mix of DCF FCFF method and peer-relative valuation, rises to PLN 85.3 (prev. PLN 75.8) per share.
- Recommended action. We confirm our positive stance toward the Company. Voxel is our top pick for 2024. 3Q23 good financial results stem from a price rise of the diagnostic services reimbursed by NFZ and partial settlement of surplus performance. Though in 4Q23 salaries were increased, we believe the financial results should be better than a year ago assuming higher yoy volumes and services pricing, no loss generated by the hospital (at PLN -2 million in 4Q22), and surplus performance settlement. We cannot preclude further pricing changes in 2024. We also expect increasing volumes and wait for a positive surprise at Alteris.

Risk factors

- 1. Lower public spending on health care (high exposure to NFZ)
- 2. Medical services pricing increase too low
- 3. Change in the State's policy regarding private medical contractors
- 4. Changes in the Company's contracts with NFZ
- 5. Changes in legislation regarding the funding of diagnostic tests
- The decline in the society's affluence (FFS and commercial clients contribute up to 20% of Voxel's revenues)
- 7. New innovative methods of cancer diagnostics/ treatment
- 8. Medical errors reputation risk
- 9. Low and deteriorating availability of radiologists
- 10. Loss/low labor supply
- 11. Salary pressure (in particular of medical and IT staff)
- 12. Overblown investments
- 13. Lagging behind the technological progress in diagnostics

Catalysts

- Aging society
- 2. The number of diagnostic imaging scans in Poland below the standards in developed countries
- 3. Medical services pricing increase
- 4. Development of the market of private medical services
- 5. Improvement of the treatment mix (towards more advanced)
- 6. New medical services offered
- 7. Development of the segment of pharmaceutical research (clinical trials)
- 8. Organic growth, new centers (high barriers to entry)
- 9. Acquisitions economies of scale
- 10. Consolidation of the sector; potential acquisition target
- 11. Al development and new algorithms for test descriptions
- IT software development for cloud diagnostics

BASIC DEFINITIONS

A/R turnover (in days) = 365/(sales/average A/R))

Inventory turnover (in days) = 365/(COGS/average inventory))

A/P turnover (in days) = 365/(COGS/average A/P))

Current ratio = ((current assets - ST deferred assets)/current liabilities)

Quick ratio = ((current assets - ST deferred assets - inventory)/current liabilities)

Interest coverage = (pre-tax profit before extraordinary items + interest payable/interest payable)

Gross margin = gross profit on sales/sales

EBITDA margin = EBITDA/sales

EBIT margin = EBIT/sales

Pre-tax margin = pre-tax profit/sales

Net margin = net profit/sales

ROE = net profit/average equity

ROA = (net income + interest payable)/average assets

EV = market capitalization + interest bearing debt - cash and equivalents

EPS = net profit/ no. of shares outstanding

CE = net profit + depreciation

Dividend yield (gross) = pre-tax DPS/stock market price

Cash sales = accrual sales corrected for the change in A/R

Cash operating expenses = accrual operating expenses corrected for the changes in inventories and A/P, depreciation, cash taxes and changes in the deferred taxes

DM BOS S.A. generally values the covered non bank companies via two methods: comparative method and DCF method (discounted cash flows). The advantage of the former is the fact that it incorporates the current market assessment of the value of the company's peers. The weakness of the comparative method is the risk that the valuation benchmark may be mispriced. The advantage of the DCF method is its independence from the current market valuation of the comparable companies. The weakness of this method is this high sensitivity to undertaken assumptions, especially those related to the residual value calculation. Please note that we also resort to other valuation techniques (e.g. NAV-, DDM- or SOTP-based), should it prove appropriate in a given case.

Banks

Net Interest Margin (NIM) = net interest income/average assets

Non interest income = fees&commissions + result on financial operations (trading gains) + FX gains Interest Spread = (interest income/average interest earning assets)/ (interest cost/average interest bearing liabilities)

Cost/Income = (general costs + depreciation)/ (profit on banking activity + other net operating income)

ROE = net profit/average equity

HOE = net pront/average equity

ROA = net income/average assets

Non performing loans (NPL) = loans in 'basket 3' category

Net provision charge = provisions created - provisions released

NPL coverrage ratio = loan loss provisions/NPL

DM BOŚ S.A. generally values the covered banks via two methods: comparative method and fundamental target fair P/E and target fair P/BV multiples method. The advantage of the former is the fact that it incorporates the current market assessment of the value of the company's peers. The weakness of the comparative method is the risk that the valuation benchmark may be mispriced. The advantage of the fundamental target fair P/E and target fair P/BV multiples method is its independence of the current market valuation of the comparable companies. The weakness of this method is its high sensitivity to undertaken assumptions, especially those

related to the residual value calculation. Assumptions used in valuation can change, influencing thereby the level of the valuation. Among the most important assumptions are: GDP growth, forecasted level of inflation, changes in interest rates and currency prices, employment level and change in wages, demand on the analysed company products, raw material prices, competition, standing of the main customers and suppliers, legislation changes, etc. Changes in the environment of the analysed company are monitored by analysts involved in the preparation of the recommendation, estimated, incorporated in valuation and published in the recommendation whenever needed.

KEY TO INVESTMENT RANKINGS

This is a guide to expected price performance in absolute terms over the next 12 months:

Buy - fundamentally undervalued (upside to 12M EFV in excess of the cost of equity) + catalysts which should close the valuation gap identified;

Hold - either (i) fairly priced, or (ii) fundamentally undervalued/overvalued but lacks catalysts which could close the valuation gap;

Sell - fundamentally overvalued (12M EFV < current share price + 1-year cost of equity) + catalysts which should close the valuation gap identified.

This is a guide to expected relative price performance:

Overweight – expected to perform better than the benchmark (WIG) over the next quarter in relative terms

Neutral – expected to perform in line with the benchmark (WIG) over the next quarter in relative terms

Underweight – expected to perform worse than the benchmark (WIG) over the next quarter in relative terms

The recommendation tracker presents the performance of DM BOŚ S.A.'s recommendations. A recommendation expires on the day it is altered or on the day 12 months after its issuance, whichever comes first.

Relative performance compares the rate of return on a given recommended stock in the period of the recommendation's validity (i.e. from the date of issuance to the date of alteration or – in case of maintained recommendations – from the date of issuance to the current date) in a relation to the rate of return on the benchmark in this time period. The WIG index constitutes the benchmark. For recommendations that expire by an alteration or are maintained, the ending values used to calculate their absolute and relative performance are: the stock closing price on the day the recommendation expires/ is maintained and the closing value of the benchmark on that date. For recommendations that expire via a passage of time, the ending values used to calculate their absolute and relative performance are: the average of the stock closing prices for the day the recommendation elapses and four directly preceding sessions and the average of the benchmark's closing values for the day the recommendation expires and four directly preceding sessions.

Distribution of DM BOS's current recommendations

	Buy	Hold	Sell	Suspended	Under revision	Not rated
Numbers	46	23	9	9	0	4
Percentage	51%	25%	10%	10%	0%	4%

Distribution of DM BOS's current market relative recommended weightings

					-	
	Overweight	Neutral	Underweight	Suspended	Under revision	Not rated
Numbers	26	39	13	9	0	4
Percentage	29%	43%	14%	10%	0%	4%

Distribution of DM BOS's current recommendations for the companies which DM BOS has supplied with material investment services within the last 12 months

	Buy	Hold	Sell	Suspended	Under revision	Not rated
Numbers	8	4	1	1	0	3
Percentage	47%	24%	6%	6%	0%	18%

Distribution of DM BOŚ's current market relative recommended weightings for the companies which DM BOŚ has supplied with material investment services within the last 12 months

	Overweight	Neutral	Underweight	Suspended	Under revision	Not rated
Numbers	5	6	2	1	0	3
Percentage	29%	35%	12%	6%	0%	18%

LT fundamental recommendation tracker

Analyst	Recommendation	n	Report date	Reiteration date	Distribution date	Expiry date	Performance	Relative performance	Price at issue/ reiteration*	EFV (12 months)	
Voxel		-						performance		(12 months)	
Sylwia Jaśkiewicz	Buy	-	21.07.2019	-	22.07.2019	25.06.2020	10%	32%	28.00	35.10	-
Sylwia Jaśkiewicz	-	\rightarrow	-	30.07.2019	31.07.2019	-	-	-	29.60	35.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	18.08.2019	19.08.2019	-	-	-	29.50	34.10	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	21.08.2019	22.08.2019	-	-	-	30.20	34.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.09.2019	02.09.2019	-	-	-	30.90	34.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	10.09.2019	11.09.2019	-	-	-	32.00	35.70	↑
Sylwia Jaśkiewicz	-	\rightarrow	-	13.10.2019	14.10.2019	-	-	-	31.50	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.10.2019	25.10.2019	-	-	-	31.00	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	17.11.2019	18.11.2019	-	-	-	32.50	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	25.11.2019	26.11.2019	-	-	-	34.00	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	04.12.2019	05.12.2019	-	-	-	32.40	38.40	1
Sylwia Jaśkiewicz	-	\rightarrow	-	08.12.2019	09.12.2019	-	-	-	31.50	38.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	09.01.2020	10.01.2020	-	-	-	32.70	38.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	02.02.2020	03.02.2020	-	-	-	31.20	39.50	\uparrow
Sylwia Jaśkiewicz	-	\rightarrow	-	04.02.2020	05.02.2020	-	-	-	32.20	39.50	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	06.02.2020	07.02.2020	-	-	-	32.30	39.50	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	03.03.2020	04.03.2020	-	-	-	31.00	39.50	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	30.03.2020	31.03.2020	-	-	-	26.50	39.50	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	14.04.2020	15.04.2020	-	-	-	27.00	34.00	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	22.04.2020	23.04.2020	-	-	-	28.10	34.00	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	19.05.2020	20.05.2020	-	-	-	27.30	34.00	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	15.06.2020	16.06.2020	-	-	-	28.60	34.00	\rightarrow
Sylwia Jaśkiewicz	Hold	\downarrow	25.06.2020	-	26.06.2020	29.07.2020	29%	26%	29.80	34.00	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	13.07.2020	14.07.2020	-	-	-	30.60	34.00	\rightarrow
Sylwia Jaśkiewicz	Buy	\uparrow	29.07.2020	-	30.07.2020	09.07.2021	23%	-5%	38.50	43.00	1
Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2020	24.08.2020	-	-	-	44.80	50.40	\uparrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.09.2020	02.09.2020	-	-	-	39.50	50.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	08.10.2020	09.10.2020	-	-	-	43.40	50.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	08.11.2020	09.11.2020	-	-	-	44.70	50.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	11.11.2020	12.11.2020	-	-	-	42.40	52.30	1
Sylwia Jaśkiewicz	-	\rightarrow	-	22.11.2020	23.11.2020	-	-	-	44.40	52.30	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	06.12.2020	07.12.2020	-	-	-	40.80	54.70	1
Sylwia Jaśkiewicz	-	\rightarrow	-	05.01.2021	05.01.2021	-	-	-	41.30	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.01.2021	29.01.2021	-	-	-	45.10	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2021	01.03.2021	-	-	-	44.50	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	03.03.2021	04.03.2021	-	-	-	45.20	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	30.03.2021	31.03.2021	-	-	-	44.90	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	16.04.2021	16.04.2021	-	-	-	45.70	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	20.05.2021	21.05.2021	-	-	-	44.50	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.05.2021	25.05.2021	-	-	-	46.50	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	30.05.2021	31.05.2021	-	-	-	44.80	54.70	\rightarrow
Sylwia Jaśkiewicz	Buy	\rightarrow	09.07.2021	-	09.07.2021	22.05.2022	-14%	3%	47.20	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.08.2021	02.08.2021	-	-	-	47.90	52.70	\
Sylwia Jaśkiewicz	-	\rightarrow	-	08.08.2021	09.08.2021	-	-	-	50.40	63.10	1
Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2021	24.08.2021	-	-	-	53.80	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	31.08.2021	31.08.2021	-	-	-	52.00	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	07.10.2021	07.10.2021	-	-	-	48.90	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	04.11.2021	04.11.2021	-	-	-	52.80	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	09.11.2021	10.11.2021	-	-	-	52.20	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	25.11.2021	26.11.2021	-	-	-	49.90	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	05.12.2021	06.12.2021	-	-	-	48.70	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	16.01.2022	17.01.2022	-	-	-	44.20	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.02.2022	02.02.2022	-	-	-	44.80	60.20	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	07.02.2022	07.02.2022	-	-	-	44.70	60.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2022	28.02.2022	-	-	-	41.00	60.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	11.04.2022	12.04.2022	-	-	-	42.70	60.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	14.04.2022	14.04.2022	-	-	-	41.70	60.20	\rightarrow
Sylwia Jaśkiewicz	Hold	\downarrow	22.05.2022	-	23.05.2022	03.11.2022	-1%	8%	38.40	49.40	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	26.05.2022	27.05.2022	-	-	-	38.50	49.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.06.2022	29.06.2022	-	-	-	37.90	46.40	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	15.07.2022	15.07.2022	-	-	-	37.60	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	27.07.2022	28.07.2022	-	-	-	34.00	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	16.08.2022	16.08.2022	-	-	-	36.50	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.08.2022	25.08.2022	-	-	-	35.80	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	02.09.2022	02.09.2022	-	-	-	34.40	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	07.10.2022	07.10.2022	-	-	-	34.60	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.10.2022	28.10.2022	-	-	-	34.20	46.40	\rightarrow
Sylwia Jaśkiewicz	Buy	\uparrow	03.11.2022	-	04.11.2022	09.03.2023	30%	9%	34.90	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.11.2022	25.11.2022	-	-	-	36.60	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.12.2022	02.12.2022	-	-	-	39.60	47.70	↑
Sylwia Jaśkiewicz	-	\rightarrow	-	04.12.2022	05.12.2022	-	-	-	40.40	47.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	13.01.2023	13.01.2023	-	-	-	42.50	47.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	03.02.2023	03.02.2023	-	-		43.20	47.70	\rightarrow
Sylwia Jaśkiewicz	Hold	\downarrow	09.03.2023	-	10.03.2023	10.05.2023	-3%	-7%	45.20	47.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	10.03.2023	10.03.2023	-	-	-	44.80	47.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.03.2023	29.03.2023	-	-	-	41.70	47.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	13.04.2023	13.04.2023	-	-	-	43.00	47.70	\rightarrow
Sylwia Jaśkiewicz	Buy	↑	10.05.2023	-	11.05.2023	Not later than	74%	43%	44.00	59.20	1
Outrie leftitoritor				04.05.0000	05.05.0000	10.05.2024			/7.00	50.00	
Sylwia Jaśkiewicz	-	\rightarrow	-	24.05.2023	25.05.2023	-	-	-	47.00	59.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	29.05.2023	29.05.2023	-	-	-	47.10	59.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	29.05.2023	29.05.2023	-	-	-	47.10	59.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	14.07.2023	14.07.2023	-	-	-	51.60	59.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	02.08.2023	03.08.2023	-	-	-	53.60	66.30	↑

LT fundamental recommendation tracker (continued)

Analyst	Recommendation		Report date	Reiteration date	Distribution date	Expiry date	Performance	Relative performance	Price at issue/ reiteration*	EFV (12 months)	
Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2023	24.08.2023	-	-	-	56.20	66.30	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	31.08.2023	31.08.2023	-	-	-	58.00	66.30	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	27.09.2023	28.09.2023	-	-	-	54.63	66.30	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	12.10.2023	12.10.2023	-	-	-	52.80	66.30	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	29.10.2023	30.10.2023	-	-	-	53.00	73.90	\uparrow
Sylwia Jaśkiewicz	-	\rightarrow	-	02.11.2023	02.11.2023	-	-	-	59.60	75.80	\uparrow
Sylwia Jaśkiewicz	-	\rightarrow	-	06.11.2023	06.11.2023	-	-	-	59.40	75.80	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	22.11.2023	23.11.2023	-	-	-	58.60	75.80	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	10.12.2023	11.12.2023	-	-	-	74.20	85.30	↑

^{*} prices at issue/reiteration are the closing prices at the report or reiteration date

New	Analyst	Relative Recommendation		Report date	Reiteration date	Distribution date	Expiry date	Price at issue/ reiteration*	Relative performance
Solar Self-West	Voxel								P
Spine allebrance -		Overweight	_	21.07.2019	-	22.07.2019	25.06.2020	28.00	32%
Symbol Markew	Sylwia Jaśkiewicz	-	\rightarrow	-	30.07.2019	31.07.2019	-	29.60	-
Spine	Sylwia Jaśkiewicz	-	\rightarrow	-	18.08.2019	19.08.2019	-	29.50	-
Symbol Ballement	Sylwia Jaśkiewicz	-	\rightarrow	-	21.08.2019	22.08.2019	-	30.20	-
Spine Albertown:		-	\rightarrow	-			-		-
Sylva Lationized:	•	-		-			-		-
Sylva Laterinary		-		-			-		-
Spins Althoramy		-		-			-		-
Sylva a listerance	•	-		-			-		-
Sylva allaformez		-		-			-		-
Spins a January		-		-			-		-
Symbal Ashewine		-		-			-		-
Syles Allewere -	,	-		-			-		-
Sylvan Againsterate		-		-					
Sylvala Jalishwerz	•								
Sylvab Ashiever		_		_			_		_
Symbalaskeeping		-		_			_		_
\$\text{\$\t	•	-		_			_		_
Sylves Spirite Spiri		-		-			_		
Symula shifemate -		-		-			-		-
Sylvia Jubishenicary	,	-		-			-		-
Sylvis Jubishieriest		Neutral	\downarrow	25.06.2020	-		29.07.2020		26%
Symbol Statement		-	\rightarrow	-	13.07.2020		-	30.60	-
Sylvia Justifiered:	Sylwia Jaśkiewicz	Overweight	↑	29.07.2020	-	30.07.2020	09.07.2021	38.50	-5%
Symin Justicement	Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2020	24.08.2020	-	44.80	-
Sylvin Lishierieric	Sylwia Jaśkiewicz	-	\rightarrow	-	01.09.2020	02.09.2020	-	39.50	-
Symin Jatischemics	Sylwia Jaśkiewicz	-	\rightarrow	-	08.10.2020	09.10.2020	-	43.40	-
Sylvia Jubilisenica		-	\rightarrow	-	08.11.2020	09.11.2020	-	44.70	-
Sylvis Justicement	Sylwia Jaśkiewicz	-	\rightarrow	-	11.11.2020	12.11.2020	-	42.40	-
Synta Judishenize -		-	\rightarrow	-			-		-
Sylind judicinente:	•	-	\rightarrow	-			-		-
Sylvin Jubishieniz		-		-			-		-
Sylvia Judicienzed		-		-			-		-
Synka Jaskinswicz - - - - - - - - -	•	-		-			-		-
Symbol Judishiemicz		-		-			-		-
Sylvia Jaskinienica		-		-			-		-
Sylving Judishienical	•	-		-			-		-
Sylvina Jaskisemicz		-		-			-		-
Sylvina Jaskiswicz		-		-			-		-
Sylvina Jaskisewicz	•	- Overweight		00.07.0001	30.03.2021		00.11.0001		- E0/
Sylvina Jaskisericz		Overweight		09.07.2021	01.00.2021		09.11.2021		3%
Sylvia Jaskiewicz									
Sylvia Jaskiewicz							_		
Sylvia Laskiewicz - - - - - - - - -	,	_		_			_		_
Sylvia Jadislewicz		-		_			_		_
Sylwia Laksiewicz Neutral ↓ 09.11.2021 - 10.11.2021 G.12.2021 - 49.9 19.9 Sylwia Laksiewicz - - - 25.11.2021 - - 49.9	•	-		_			_		_
Sylvial Labidiewicz Overweight ↑ 0.51.2.021 25.11.2021 2.61.1.2021 2.205.2022 48.70 49.90 Sylvial Labidiewicz O converight ↑ 0.51.2.021 - 0.61.2.2021 22.05.2022 48.70 49.90 Sylvial Labidiewicz - → 1.0 0.101.2.2022 0.02.2022 - 44.80 Sylvial Labidiewicz - → - 0.0 28.02.2022 28.02.2022 - 44.70 Sylvial Labidiewicz - → - 1.0 28.02.2022 28.02.2022 - 41.00 Sylvial Labidiewicz - → - 1.0 1.0 2.0 <t< td=""><td></td><td>Neutral</td><td></td><td>09.11.2021</td><td>-</td><td></td><td>05.12.2021</td><td></td><td>1%</td></t<>		Neutral		09.11.2021	-		05.12.2021		1%
Sylvita Jakkiewicz Overweight ↑ 05.12.201 - 06.12.2021 22.05.2022 48.70 -49 Sylvia Jakkiewicz - - 16.01.2022 17.01.2022 0.02.2022 - 44.20 Sylvia Jakkiewicz - - 0.10.2022 0.70.2022 0.70.2022 - 44.70 Sylvia Jakkiewicz - - - 2.80.2022 - 44.70 Sylvia Jakkiewicz - - - 1.04.2022 1.04.2022 - 41.70 Sylwia Jakkiewicz - - - 2.05.2022 2.05.2022 03.11.2022 38.40 89 Sylwia Jakkiewicz - - - 2.05.2022 2.70.52022 33.50 38.40 89 Sylwia Jakkiewicz - - - 2.05.2022 2.70.52022 3.11.2022 38.50 89 Sylwia Jakkiewicz - - - 2.05.2022 2.00.62022 03.11.2022 33.50 99 Sylwia Jakkiew	•	-		-	25.11.2021		-		-
Sylvia Jaskiewicz - - - - - - - - -	,	Overweight	↑	05.12.2021	-		22.05.2022		-4%
Sylviia Jaskiewicz - - - 1 01 12 2022 C 02 2022 - 44 80 Sylviia Jaskiewicz - - 0 70 22 022 280 22 022 - 44 70 Sylviia Jaskiewicz - - 1 10 4 2002 1 24 0 4 2022 - 41 10 Sylviia Jaskiewicz - - 1 10 4 2002 1 1,04 2002 1 24 0 4 2022 41 70 Sylviia Jaskiewicz Underweight ↓ 2 22 05 2022 - 2 30,5 2022 33 1,2022 38 40 89 Sylviia Jaskiewicz - - - 2 60,5 2022 2 77,5 2022 - 3 7,50 38 50 89 Sylviia Jaskiewicz - - - 1 50,7 2022 2 80,7 2022 - 3 7,50 3 7,50 Sylviia Jaskiewicz - - - 1 60,80202 1 60,80202 3 6,50 3 4,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00 4 8,00		-	\rightarrow	-	16.01.2022		-	44.20	-
Sylwia Jaskiewicz - - - 07.02.2022 - 44.70 Sylwia Jaskiewicz - - 28.02.2022 28.02.2022 - 41.00 Sylwia Jaskiewicz - - 11.04.2022 12.04.2022 - 41.70 Sylwia Jaskiewicz - - 11.04.2022 12.04.2022 - 41.70 Sylwia Jaskiewicz - - 22.05.2022 - 23.05.2022 33.12.2022 38.50 Sylwia Jaskiewicz - - - 28.06.2022 29.06.2022 - 37.90 Sylwia Jaskiewicz - - - 15.07.2022 29.06.2022 - 37.90 Sylwia Jaskiewicz - - - 16.07.2022 28.07.2022 30.12.202 33.00 Sylwia Jaskiewicz - - - 16.08.2022 25.08.2022 - 34.00 Sylwia Jaskiewicz - - - 16.08.2022 25.08.2022 - 34.00		-	\rightarrow	-	01.02.2022	02.02.2022	-	44.80	-
Sylvina Jaskisewicz		-	\rightarrow	-	07.02.2022		-		-
Sylviral Jaškiewicz Underweight ↓ 22.05.2022 14.04.2022 14.04.2022 38.50 89.50 Sylviral Jaškiewicz - - 26.05.2022 27.05.2022 03.11.2022 38.50 89.50 Sylviral Jaškiewicz - - - 26.05.2022 27.05.2022 03.11.2022 37.90 Sylviral Jaškiewicz - - - 15.07.2022 28.07.2022 - 37.90 Sylviral Jaškiewicz - - - - - 27.07.2022 28.07.2022 - 37.00 Sylviral Jaškiewicz -	Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2022	28.02.2022	-	41.00	-
Sylwia Jaśkiewicz Underweight ↓ 22.05.2022 - 23.05.2022 03.11.2022 38.40 89 Sylwia Jaśkiewicz - - 26.05.2022 27.05.2022 - 38.50 Sylwia Jaśkiewicz - - 28.06.2022 29.06.2022 - 37.90 Sylwia Jaśkiewicz - - 15.07.2022 15.07.2022 - 37.60 Sylwia Jaśkiewicz - - - 16.08.2022 28.07.2022 - 36.50 Sylwia Jaśkiewicz - - - 16.08.2022 25.08.2022 - 35.80 Sylwia Jaśkiewicz - - - - 07.10.2022 02.09.2022 - 34.40 Sylwia Jaśkiewicz - - - 07.10.2022 07.10.2022 - 34.00 Sylwia Jaśkiewicz - - - - 28.10.2022 28.10.2022 - 09.03.2023 34.90 99.90 Sylwia Jaśkiewicz - - <	Sylwia Jaśkiewicz	-	\rightarrow	-	11.04.2022	12.04.2022	-	42.70	-
Sylwia Jaśkiewicz - → 26,05,2022 27,05,2022 - 38,50 Sylwia Jaśkiewicz - → - 28,06,2022 29,06,2022 - 37,50 Sylwia Jaśkiewicz - → 1,507,2022 15,07,2022 - 37,50 Sylwia Jaśkiewicz - → 1,507,2022 28,07,2022 - 34,00 Sylwia Jaśkiewicz - → 1,608,2022 16,08,2022 - 36,50 Sylwia Jaśkiewicz - → 1,608,2022 16,08,2022 - 36,50 Sylwia Jaśkiewicz - → 1,608,2022 16,08,2022 - 36,50 Sylwia Jaśkiewicz - → 1,08,2022 16,08,2022 - 36,50 Sylwia Jaśkiewicz - → 1,02,2022 07,10,2022 07,10,2022 34,40 Sylwia Jaśkiewicz - → 0,12,2022 07,10,2022 07,10,2022 34,20 Sylwia Jaśkiewicz - → 0,1,2022	Sylwia Jaśkiewicz	-	\rightarrow	-	14.04.2022	14.04.2022	-	41.70	-
Sylwia Jaśkiewicz - - 28.06.2022 29.06.2022 - 37.90 Sylwia Jaśkiewicz - - - 15.07.2022 15.07.2022 - 37.60 Sylwia Jaśkiewicz - - - 27.0222 28.07.2022 - 34.00 Sylwia Jaśkiewicz - - 16.08.2022 16.08.2022 - 36.50 Sylwia Jaśkiewicz - - 24.08.2022 25.08.2022 - 35.80 Sylwia Jaśkiewicz - - - 20.09.2022 20.90.2022 - 34.40 Sylwia Jaśkiewicz - - - 28.10.2022 28.10.2022 - 34.40 Sylwia Jaśkiewicz -	Sylwia Jaśkiewicz	Underweight	\downarrow	22.05.2022	-	23.05.2022	03.11.2022	38.40	8%
Sylwia Jaśkiewicz - - 15.07.2022 15.07.2022 28.07.2022 - 37.60 Sylwia Jaśkiewicz - - - 27.07.2022 28.07.2022 - 34.00 Sylwia Jaśkiewicz - - 16.08.2022 15.08.2022 2.02.202 - 35.80 Sylwia Jaśkiewicz - - 0.2.09.2022 02.09.2022 02.09.2022 - 34.40 Sylwia Jaśkiewicz - - 0.7.02022 07.10.2022 - 34.40 Sylwia Jaśkiewicz - - 0.7.02022 07.10.2022 - 34.20 Sylwia Jaśkiewicz - - 0.3.11.2022 28.10.2022 29.09.32.2023 34.90 99 Sylwia Jaśkiewicz - 0.3.11.2022 21.11.2022 29.11.2022 0.9.03.2023 34.90 99 Sylwia Jaśkiewicz - - 0.11.2.2022 02.12.2022 - 36.60 Sylwia Jaśkiewicz - - 0.1.2.2022 05.12.2022 -	Sylwia Jaśkiewicz	-	\rightarrow	-	26.05.2022	27.05.2022	-	38.50	-
Sylwia Jaśkiewicz - - - 2707.2022 28.07.2022 - 34.00 Sylwia Jaśkiewicz - - - 16.08.2022 15.08.2022 - 35.80 Sylwia Jaśkiewicz - - 16.08.2022 25.08.2022 - 35.80 Sylwia Jaśkiewicz - - 10.02.022 02.09.2022 02.09.2022 34.40 Sylwia Jaśkiewicz - - 07.10.2022 07.10.2022 - 34.60 Sylwia Jaśkiewicz - - 07.10.2022 07.10.2022 - 34.60 Sylwia Jaśkiewicz Overweight - 03.11.2022 28.10.2022 28.10.2022 34.60 99.93.2023 34.90 99 Sylwia Jaśkiewicz - 04.11.2022 25.11.2022 99.03.2023 34.90 99 99 Sylwia Jaśkiewicz - - 04.12.2022 05.12.2022 2 36.60 Sylwia Jaśkiewicz - - 04.2.2022 05.12.2022 05.12.2022	Sylwia Jaśkiewicz	-	\rightarrow	-	28.06.2022	29.06.2022	-	37.90	-
Sylwia Jaśkiewicz - - 16.08.2022 16.08.2022 - 36.50 Sylwia Jaśkiewicz - - 24.08.2022 25.08.2022 - 35.80 Sylwia Jaśkiewicz - - 0.20.92.022 0.20.92.022 - 34.40 Sylwia Jaśkiewicz - - 0.71.0.2022 0.71.0.2022 - 34.60 Sylwia Jaśkiewicz - - 0.311.2022 28.10.2022 28.10.2022 0.90.3.2023 34.90 99.82 Sylwia Jaśkiewicz Overweight - 0.311.2022 25.11.2022 0.90.3.2023 34.90 99.82 Sylwia Jaśkiewicz - - 0.411.2022 0.90.3.2023 34.90 99.82 Sylwia Jaśkiewicz - - 0.11.2.2022 0.51.2.2022 0.90.3.2023 39.60 Sylwia Jaśkiewicz - - 0.12.2022 0.51.2.2022 0.51.2.2022 40.40 Sylwia Jaśkiewicz - - 0.30.2.2023 13.01.2023 10.03.2023 10.03.2023		-	\rightarrow	-			-	37.60	-
Sylwia Jaśkiewicz - - 24.08.2022 25.08.2022 - 35.80 Sylwia Jaśkiewicz - - - 02.09.2022 02.09.2022 - 34.40 Sylwia Jaśkiewicz - - 0.10.2022 07.10.2022 - 34.60 Sylwia Jaśkiewicz - - 0.21.00.202 28.10.2022 - 34.60 Sylwia Jaśkiewicz - - 0.311.2022 - 0.411.2022 0.903.2023 34.90 99 Sylwia Jaśkiewicz - 0.411.2022 0.21.2022 - 36.60 99 Sylwia Jaśkiewicz - - 0.112.2022 0.512.2022 - 39.60 Sylwia Jaśkiewicz - - 0.12.2022 0.512.2022 - 39.60 Sylwia Jaśkiewicz - - 0.12.2022 0.512.2022 - 39.60 Sylwia Jaśkiewicz - - 0.12.2022 0.512.2022 - 40.40 Sylwia Jaśkiewicz - - <td></td> <td>-</td> <td>\rightarrow</td> <td>-</td> <td></td> <td>28.07.2022</td> <td>-</td> <td></td> <td>-</td>		-	\rightarrow	-		28.07.2022	-		-
Sylwia Jaśkiewicz - → - 02.09.2022 02.09.2022 - 34.40 Sylwia Jaśkiewicz - → - 07.10.2022 07.10.2022 - 34.60 Sylwia Jaśkiewicz - → 03.11.2022 28.10.2022 28.10.2022 - 34.20 Sylwia Jaśkiewicz Overweight → 03.11.2022 25.11.2022 09.03.2023 34.90 99.90 Sylwia Jaśkiewicz - → 03.11.2022 25.11.2022 25.11.2022 - 36.60 Sylwia Jaśkiewicz - → 1.2.2022 05.12.2022 - 39.60 Sylwia Jaśkiewicz - → 1.3.01.2023 15.11.2022 - 40.40 Sylwia Jaśkiewicz - → 1.3.01.2023 13.01.2023 13.01.2023 1.0.03.2023 - 43.20 Sylwia Jaśkiewicz Neutral ↓ 09.03.2023 - 10.03.2023 10.03.2023 10.03.2023 45.20 47.00 Sylwia Jaśkiewicz	,	-	\rightarrow	-	16.08.2022	16.08.2022	-		-
Sylwia Jaśkiewicz - → - 07.10.2022 07.10.2022 - 34.60 Sylwia Jaśkiewicz - → - 28.10.2022 28.10.2022 - 34.20 Sylwia Jaśkiewicz Overweight → 03.11.2022 - 04.11.2022 09.03.2023 34.90 99.00 Sylwia Jaśkiewicz - → - 01.12.2022 25.11.2022 - 39.60 Sylwia Jaśkiewicz - → - 04.12.2022 05.12.2022 - 39.60 Sylwia Jaśkiewicz - → - 04.12.2022 05.12.2022 - 40.40 Sylwia Jaśkiewicz - → - 04.12.2022 05.12.2022 - 40.40 Sylwia Jaśkiewicz - → - 03.02.2023 03.02.2023 - 42.50 Sylwia Jaśkiewicz Neutral √ 09.03.2023 - 10.03.2023 10.03.2023 10.05.2023 45.20 47.70 Sylwia Jaśkiewicz <th< td=""><td></td><td>-</td><td>\rightarrow</td><td>-</td><td></td><td></td><td>-</td><td></td><td>-</td></th<>		-	\rightarrow	-			-		-
Sylwia Jaśkiewicz - - 28.10.2022 28.10.2022 - 34.20 Sylwia Jaśkiewicz Overweight - 03.11.2022 - 04.11.2022 09.03.2023 34.90 99 Sylwia Jaśkiewicz - - 24.11.2022 25.11.2022 - 36.60 99 Sylwia Jaśkiewicz - - 12.2022 02.12.2022 - 39.60 99 Sylwia Jaśkiewicz - - 04.12.2022 05.12.2022 - 40.40 99 Sylwia Jaśkiewicz - - - 13.01.2023 13.01.2023 - 42.50 Sylwia Jaśkiewicz - - 09.03.2023 03.02.2023 10.03.2023 10.03.2023 45.20 -79 Sylwia Jaśkiewicz - - - 10.03.2023 10.03.2023 10.03.2023 - 41.70 Sylwia Jaśkiewicz - - - 28.03.2023 29.03.2023 - 41.70 Sylwia Jaśkiewicz - -		-	\rightarrow	-			-		-
Sylwia Jaśkiewicz Overweight → 03.11.2022 - 04.11.2022 09.03.2023 34.90 99 Sylwia Jaśkiewicz - → 1.2022 25.11.2022 - 36.60 Sylwia Jaśkiewicz - → 1.12.2022 02.12.2022 - 39.60 Sylwia Jaśkiewicz - → 1.01.2023 01.12.2022 05.12.2022 - 40.40 Sylwia Jaśkiewicz - → 1.30.1.2023 13.01.2023 13.01.2023 - 42.50 Sylwia Jaśkiewicz - → 1.03.02033 - 10.03.2023 10.05.2023 45.20 -79 Sylwia Jaśkiewicz - → 1.03.2023 10.03.2023 10.03.2023 45.20 47.00 Sylwia Jaśkiewicz - → 1.03.2023 10.03.2023 10.03.2023 - 41.70 Sylwia Jaśkiewicz - → 1.05.2023 29.03.2023 29.03.2023 - 43.00 Sylwia Jaśkiewicz - → <	,	-		-			-		-
Sylwia Jaśkiewicz - - 24.11.2022 25.11.2022 - 36.60 Sylwia Jaśkiewicz - - 11.22.2022 02.12.2022 - 39.60 Sylwia Jaśkiewicz - - 0.4.12.2022 05.12.2022 - 40.40 Sylwia Jaśkiewicz - - 13.01.2023 13.01.2023 13.01.2023 - 42.50 Sylwia Jaśkiewicz - - 09.03.2023 03.02.2023 03.02.2023 - 43.20 Sylwia Jaśkiewicz Neutral ↓ 09.03.2023 - 10.03.2023 10.03.2023 - 43.20 Sylwia Jaśkiewicz - - 10.03.2023 10.03.2023 10.03.2023 - 44.80 Sylwia Jaśkiewicz - - 13.04.2023 19.03.2023 - 41.70 Sylwia Jaśkiewicz - - 13.04.2023 13.04.2023 13.04.2023 - 41.70 Sylwia Jaśkiewicz - - 10.05.2023 25.05.2023 - <t< td=""><td></td><td>-</td><td></td><td></td><td>28.10.2022</td><td></td><td></td><td></td><td>-</td></t<>		-			28.10.2022				-
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500000 - 102 D8 9029 D2 D2 D8 9029 R9020	Sylwia Jaśkiewicz	-	\rightarrow \rightarrow	-	02.08.2023	03.08.2023	-	53.60	-

Market-relative recommendation tracker (continued)

Analyst	Relative Recommen	dation	Report date	Reiteration date	Distribution date	Expiry date	Price at issue/ reiteration*	Relative performance
Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2023	24.08.2023	-	56.20	-
Sylwia Jaśkiewicz	-	\rightarrow	-	31.08.2023	31.08.2023	-	58.00	-
Sylwia Jaśkiewicz	-	\rightarrow	-	12.10.2023	12.10.2023	-	54.63	-
Sylwia Jaśkiewicz	-	\rightarrow	-	27.09.2023	28.09.2023	-	52.80	-
Sylwia Jaśkiewicz	-	\rightarrow	-	29.10.2023	30.10.2023	-	53.00	-
Sylwia Jaśkiewicz	-	\rightarrow	-	02.11.2023	02.11.2023	-	59.60	-
Sylwia Jaśkiewicz	-	\rightarrow	-	06.11.2023	06.11.2023	-	59.40	-
Sylwia Jaśkiewicz	-	\rightarrow	-	22.11.2023	23.11.2023	-	58.60	-
Sylwia Jaśkiewicz	-	\rightarrow	-	10.12.2023	11.12.2023	-	74.20	-

^{*} prices at issue/reiteration are the closing prices at the report or reiteration date

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